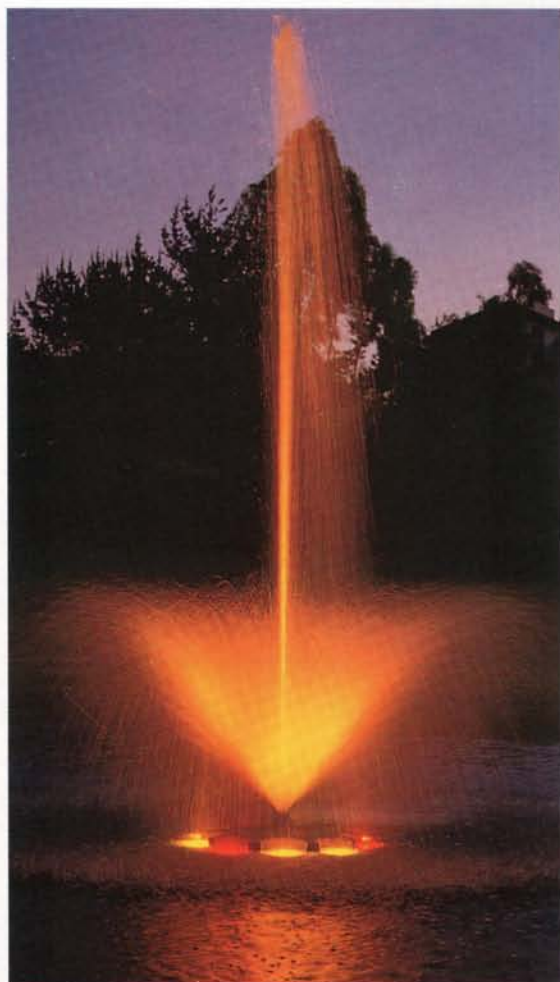


# The beautiful way to clear the water.



## **Rain Jet Aquavator Aerators:** The natural solution to water problems in your lake.

Now you can control unsightly algae and weed growth nature's way—through proper water circulation. With a Rain Jet Aerator, you'll draw water up from the bottom and then turn that water into beautiful fountain patterns. The spray and wave action of the fountain puts oxygen back into the water to fight weed build-up. The pumping action prevents thermal stratification by pulling the cooler bottom water up to the warmer layers where algae growth occurs. The result is cleaner, odor-free lakes, even during those hot summer months. Beautifully, naturally, without chemicals or dyes.

Only Rain Jet Aquavator Aerators offer these exclusive features:

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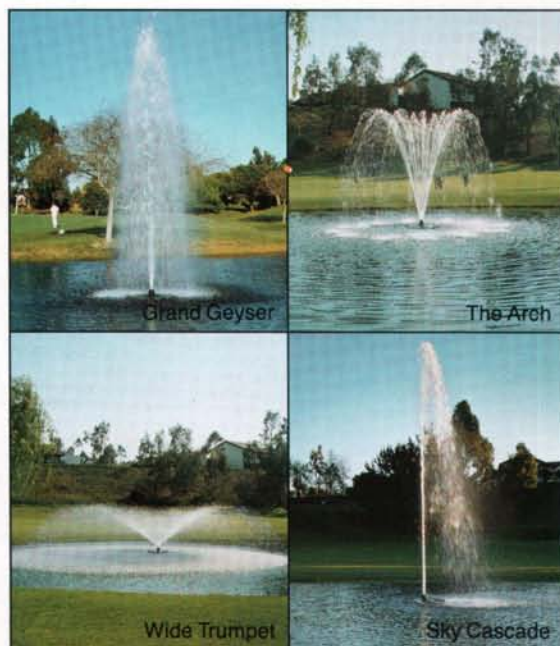
- **Float Leveling Adjustment** : A special fill cap allows the aerator to be lowered closer to the surface for a more natural appearance.

- **Built to Last**: Stainless steel Franklin motors, stainless steel screen filter, bolts and hardware, molded-in brass inserts, cross-linked polyethylene float, machined casting resin and brass nozzles.

- **Models and Specs**: Five pump motor sizes— $\frac{1}{2}$ ,  $\frac{3}{4}$ , 1,  $1\frac{1}{2}$ , and 2 hp. Lighting wattages from 600 to 4500 watts.

Ordering a Rain Jet Aerator is simple and set-up is easy. So if you've been depending upon chemicals to keep your pond clean, give it up. Go natural with a Rain Jet Aquavator Aerator—the beautiful way to clear the water.

For more information, just call toll free: 1-800-444-2734.



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VOLUME SIX, NUMBER FIVE

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## MAIN EVENTS

### 14 DISSOLVED OXYGEN KEY TO LAKE HEALTH

Shallow lakes, recycled water, nutrient run-off, and inadequate wave action all contribute to poor lake health and aquatic weed problems. The sports turf industry has borrowed techniques from water treatment facilities which improve the biological balance in lakes and reservoirs. By focusing on the amount and distribution of dissolved oxygen, managers can help prevent algae blooms and fish kills and slow the degradation of lakes. Three different types of lake aerators are available today to improve oxygen levels and prevent stratification in lakes. They can be used in combination with other aquatic weed control methods for clear and sparkling lakes year-round.

### 20 PALM VALLEY: A COMMUNITY CENTERED ON GOLF

Sunrise Company has demonstrated at Palm Valley Country Club in Palm Desert, CA that centering communities around golf courses is a powerful sales tool. Palm Valley is the latest Sunrise community designed and built with the help of golf course architect and urban planner Ted Robinson. The responsibility of keeping Sunrise's golf courses competitive in the Palm Springs desert resort area falls on Dennis Orsborn.

### 24 REPAIRING AND REBUILDING SPRINKLER HEADS

Budget-conscious turf managers can save a considerable amount of money by repairing and rebuilding used sprinkler heads. This story presents the various options available when heads malfunction.

## LINE-UP

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**COVER:** Vertical aerators at work at Wailailae Country Club in Honolulu, HI. Photo courtesy: Otterbine/Barebo, Inc.

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*Treat your fairways with BAYLETON and DYRENE. It keeps your customers from tracking disease up onto your tees and greens, and raises the overall quality of your course.*

*Apply BAYLETON for broad spectrum control on a wide variety of ornamental plants.*

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*DYRENE prevents brown patch and leaf spot with excellent residual control.*

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# FROM THE PUBLISHER



**I** have never been so pumped as I am now, especially when I look ahead to the decade of the '90s. In my opinion the future holds such great promise it would be pretty hard to screw it up.

With the demand for golf increasing, we will be hard put to take care of all the people that want to play. With a more affluent country and more leisure time all sports both spectator and participant will continue to grow. With pressure being brought to bear on homeowners to cut down the size of their lawns because of water short-

ages, more of our citizens will be using our parks. So all in all, the institutional segment will be using our parks. So all in all, the institutional segment will be using our parks.

We are going to need trained personnel to take care of the facilities that we now have and that will come on board in the near future. The problem we all face is substance abuse in the workplace. It is not something that is coming, it is already here. We have to learn to recognize the symptoms and somehow, try to get those addicted rehabilitated. Alcohol and drug abuse are more common in the work force than we really want to believe and accept. It is the responsibility of all of us to report those abusers. Shielding them does not make you a good guy. The sooner this use gets rehabilitated, the sooner he can come back clean. More importantly, would you really take a chance with another person's life because someone on your crew was drunk or high on drugs and could not respond to a call for help? Would you shield this guy if your life depended on it?

Substance abuse in the workplace costs employers in this country billions of dollars a year. It is one thing to cost you money, it is another to cost a life. Serious....you bet it is serious. In today's environment even casual users are putting forth a major effort to gain control of it. Others have begun programs, while all their employees on a regular basis. None of us can afford to be lax in this area. We cannot stick our heads in the sand and say, "I don't have this problem." We all have the problem it is just a matter of degree. It is our responsibility to see that the crews we send out in the field are clean. Enough accidents happen without pushing up the odds.

I probably was more naive about substance abuse than anyone. For some reason I felt I had a good handle on people. I could pick out a user from the crowd. Well, I hate to admit it but I can't. It goes far beyond what I can tell by talking with someone. I can tell you that we had that problem and it cost us dearly in mistakes, lies, time and money. Users will do anything to get the money to buy what they need. If they are using it in the workplace and accidents happen our workmen's compensation rate will skyrocket. Budgets will have to be increased to allow for the additional costs, or budgets will be cut and we will be forced to lay off people because of it.

This industry is capable of using every trained person who applies for a position. It is our obligation to either weed out those substance abusers or get them rehabilitated. For the safety of everyone in our industry, we owe it to ourselves.